



Ø BEAT



COLO. SPRINGS,
COLORADO

N O V E M B E R 1 9 7 8

MEETING NOTICE: The Pikes Peak Radio Amateur Association will meet this month on November 8 at 7:30 pm at the Security Savings and Loan Association Building, east Platte at Union. Anyone interested in amateur radio is invited to attend. Program will be a 2-meter clinic with all kinds of equipment and know-how present to tell you exactly what your rig is doing. See article following.

THE WEDNESDAY night 146.52 FM Net is still alive and well at 7:00 pm.

UPGRADING CLASSES will begin Tuesday, November 7. The curriculum will be the same as last year. Code and rules & regs will be given on Tuesdays with speeds from 7 1/2 wpm to about 25 wpm. Theory will be given on Thursdays. Classes start at 7:30 pm each night at North Jr. High School. The school is located at the corner of Yampa and El Paso.

Classes are open to all regardless of license class. See you there.

TWO-METER CLINIC (This month's meeting at the USAFA has fallen through so we'll meet at our regular time and place.)

Do you have a 2-meter rig and aren't sure whether it's on frequency? Do you know what the sensitivity of your receiver is? Bring your rig to the November club meeting and find out. Ray AAØL will be heading up the 2-meter clinic after our business meeting. He'll be checking frequency, sensitivity, transmitter bandwidth, spurs, and power output.

The only thing needed in addition to your rig is a power cord that fits it and your rig must have a BNC, UHF, Miniature, or RCA antenna connector. HT owners, bring your rubber ducks and batteries with a full charge. There will be a 12 volt power supply available with a capability of three amps. Should your rig need more, bring your own power supply.

Since this is a clinic, rigs to be checked should be in working order. Repairs cannot be made.

If your rig has you in the dark, come to the club meeting and Ray will shed some light on it.

Doug Moloney WBØMHP

ABOUT 50 STUDENTS in the sixth grade classes at Woodland Park Middle School witnessed a lot of ham radio in a demonstration put on by Dick WBØPNX, Lorna WDØBTF, Kim WBØUW (all Schluters), and Bill Croghan WBØKSW on October 11. [More on the next page.]

P P R A A D I R E C T O R S

PRESIDENT Doug Moloney WBØMHP, 3817 Vaquero Cir So. - - - - 599-9605
 V-PRES. *Art Mayer WAØAEH, 3032 Drakestone Dr - - - - 635-7223
 SECRETARY *Lorna Schlueter WDØBTF, Box 38 Grn Mtn Falls 80819 - 684-2153
 TREASURER *Dave Riese WBØSDW, 5102 Galley - - - - 574-2224
 Board Mem Gordon Denno WBØTIC, 4718 El Camino - - - - 598-0408
 Board Mem Mike Stansberry KØTER, 2732 E. Monument - - - - 475-8650
 Board Mem Oak Stockton KØROL, 2023 Essex Lane - - - - 596-1395
 Board Mem *Frank Freiler WBØPAJ, 411 Lakewood Cir - - (ext 208) 596-6800
 (* two-year board terms began November 1978)

ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., Colorado Springs, Colo. Permission is granted to reprint articles or excerpts provided full credit is given.

Editor:

Dave Allen WBØTAQ
 821 N. Cascade
 Co Spgs, CO 80903
 471-0642

Business Manager:

Ed Pompea KØZPG
 2111 Trent Ave.
 Co Spgs, CO 80909
 635-7554

"Amateur Radio
 News Service"

The PPRAA meets at 7:30 pm on the second Wednesday of each month in the Security Savings and Loan Building, East Platte at Union Blvd.

50 (Con'd): Two ARRL films, "Moving Up to Amateur Radio" and "This is Amateur Radio," were shown while an official "ham shack" was set up in the classroom, consisting of HF, 2-meters, key, keyer, and 20-meter mobile antenna. Bill WBØKSW introduced the hams present, answered questions regarding the movies, showed QSL cards, maps, and books. He explained that plenty of assistance is available for the young novice trying to get started in amateur radio.

The "shack" was opened on 2-meters with Lorna WDØBTF calling WBØMTA in Guffy. Joy did an excellent job of giving her location and explaining the radio's very important place in her life. She talked with the students and then offered to take messages from them when names and addresses were available. Another call was put out for a station for a demonstration, and (this wasn't a set-up), AEØH Jim, mobile in Colorado Springs, came right back to us, adding that he is a Jr. High principal. Tnx to Joy and Jim for being there.

We then moved over to 20 meters (14.288) and checked in with Irma K6KCI, net control for the YLRL Open House Net. Irma was a teacher and the kids were duly impressed with that, as well as a weather report from Thousand Oaks. We then talked to a YL in New York, and one in Texas, all with 58 and 59 signals. Bill, Dick, and Kim answered many questions. The young people were now convinced that this was certainly not CB! As their teacher has been teaching them Morse Code, a short demonstration of the keyer was given. They were interested in this strange ham language. And then the lunch bell rang ... [Did someone mention lunch??]

My observations are that we could have used more time (had 80 minutes). Of many demonstrations I've done in other fields this was my best behaved group (adults, take note). Thank you to the sixth grade students and teachers in Woodland Park for being a most receptive audience. Thank you also to WBØPNX Dick, WBØKSW Bill, and WBØUUW Kim for answering my call for help [two of them, no doubt, under threat of making their own breakfasts for a month], and to their teacher for her interest and work with the school to make it all possible. 73's, 88's, and 33's to the whole group.

WDØBTF Lorna

STOLEN Oct 15: Icom IC-22 Ser 11430. Has "Al Rose" (previous owner) and SSN 358-20-8083 scribed on back; had mobile plastic mount attached when stolen. Crystals 1)34/94, 2)10/70, 3)35/85, 4) Blank, 5)52/52, 6)16/76, 7)94/94, 8)28/88, 9)22/82. Notify David McClune WBØZID, 5338 Spotted Horse Trail, Boulder 80301, 443-9790, or Boulder Police.

(Anyone desiring to list stolen ham equipment, contact CCARC, Charles E. Myers WØRNT, 1120 Yosemite Dr., Co Spgs, CO 80910. Include as much identification and information as possible. Free distribution will be made to all Amateur radio magazines and Colo amateur radio clubs. Funds for postage and printing will be greatly appreciated.) [TNX, Chuck.]

OCTOBER MINUTES: The October meeting of the PPRAA was called to order by Ray Uberecken AAØL at 7:30 pm October 11 at Security Savings and Loan. Following membership and guest introductions, a poll was taken on granting novice fone privileges on 220 MHz. Results: 29 yes, 7 no, 4 undecided. Correction: KØTER Mike and KØROL Oak presented a basic and understandable program on RTTY for our September meeting. Otherwise the September minutes were approved as printed in Zero Beat. [Your Zero Beat editor is not responsible for such errors, of course. I just make up a few things here and there and change the names to make trouble for the innocent.] WBØPNX Dick Schlueter, treasurer, reported \$460.56 in the treasury.

Comittee Reports: Pikes Peak Motorcycle Riders Enduro--Gary Pomegrin thanked the hams participating in communications for their work. A thank-you dinner will be held October 18 for the participants and their families. the PPMRA wishes to donate a handi-talkie to PPRAA for use in inaccessible areas where a doctor and ham are required. AAØL (94-D) Ray gave a brief description of his adventure as a participant in the cycle event. WDØBTF Lorna reported that a demonstration of Amateur radio would be given at Woodland Park Middle School. [See article this issue.] Education--WBØTIC Gordy reported that the novice classes will be ended after six weeks, at which time (November 7) the upgrading classes would begin on Tuesdays and Thursdays. Christmas Party--WØRNT Chuck Myers reported that the party will be held December 16 at the Grain and Grape Restaurant. WBØLTV moved to have KØROL Oak and the barbershop quartet perform as our entertainment, their dinners being provided by the club. Seconded by W8JTD Fred. PR--WBØMHP Doug reported that the Citadel Mall demonstration will be in January, date undetermined as yet. Doug read a letter regarding international QSL cards. In essence, if your contact gives you specific instructions on how (or how not) to QSL, PLEASE follow them. QSL's can cause serious trouble in some countries [Imagine being dragged from your house at 3 am by the secret service to explain a strange card from a questionable country such as the Uninited Stass of America.] XMTR Hunt for October was cancelled. CCARC--WØRNT Chuck Myers announced the next meeting October 22 in Ft. Collins OLD BUSINESS. WBØDUL proposed we support novice fone on 220, seconded by WDØFRJ. NEW BUSINESS. ANNOUNCEMENTS. KØDJ Bob Poirier, new SCM of Colo. Election results: WBØMHP Doug Moloney, President; WAØAEH Art Mayer, VP; WDØBTF, Lorna, Secretary; WBØSDW Dave Riese, Treasurer; and WBØPAJ Frank Freiler, Board Member. Our thanks to the out-going officers who have done an outstanding job. Congratulations and best of luck to the new officers for the coming year.

WDØBTF Lorna. Secretary

If it's CW, it's communications.

893-5525 ALL MAJOR BRANDS 893-5525
SALES-SERVICE
8-5:30 Mon.-Fri. 8:30-1 Sat.

Alan KØBG-Mike KØQZ-Nort KØMFV-Glenn WBØNXT
John WAØADV

CW

CW ELECTRONIC SALES CO.
1401 BLAKE STREET, DENVER, COLORADO 80202

A.E.S. Communications

404 Arrawanna
 Colo. Springs, Colo. 80909

475-7050

- | | |
|---------------|-------------------|
| * KDK | * VHF ENGINEERING |
| * AMPHENOL | * HAM KEY |
| * DENTRON | * NYE VIKING |
| * CUSHCRAFT | * TEMPO |
| * ASTATIC | * WILSON |
| * AMECO BOOKS | * ARRL BOOKS |
| * HUSTLER | * TAB BOOKS |

LOW PRICES ON HT'S - PACKAGE DEALS
 INCLUDING XTALS & NICADS

EDGEOM 2 METER RIGS NOW IN STOCK

DAVE WD0CDU * TOM WD0EMN * JERA N0AGT

CHRISTMAS DINNER: Get your reservations in for this year's club Christmas dinner. Reservations must be in (along with \$7.00 per person) to Chuck W0RNT or Mrs. MHP by December 14. The dinner sounds yummy and we're planning live entertainment. (Rumor has it Chuck is doing a belly dance?) [Any practical person knows the belly was made for dinner, not dancing.] [You say my problem is I'm too practical?? ... Oh.]

Saturday December 16 is the day and the Grain and Grape is the place (Murry and Platte). Keep the 16th open and let's hear from you by the 14th and make this the biggest and best Christmas party yet.

Doug WB0MHP

DAILY 2-METER SSB on 144.250 at 8 pm. Look for WB0SSG or WB0RRU, vertically or horizontally.

PUBLIC RELATIONS COMMITTEE: Frank WB0PAJ has volunteered for the position as Public Relations Committee Chairman. I'd like to thank Frank for taking on this important task.

If there is anyone who would like to get involved in bettering ham radio's image in the community and country, speak up and become a committee person and give Frank a hand. If we don't tell the world what hams are and can do, who will? My thanks again to Frank, who I'm sure will do a super job.

Doug WB0MHP

SPRING HAS SPRUNG AND FALL IS FALLING! This is the time of the year to check the anti-freeze in the cars, put on the storm windows, etc. It's also the time for merriment and cheer. So with the season at hand, I'd like to wish everyone a Very Happy Thanksgiving.

Doug WB0MHP

HAMS GO TO SCHOOL [It's about time for some of them!] Bud WB0TIB and Bill WB0KSW teamed up and taught a group of students at Sabin Jr. High school an introductory course in ham radio.

Bud and Bill gave four one-hour lectures during the week of October 16 at Sabin. Climaxing the week was a tour of Ray AA0L's ham shack, and a real live contact with Germany. Tour guides for the trip were Bud, Frank WB0PAJ, and Doug WB0MHP.

After the classes and tour, ham radio was quite an impressive hobby in the eyes of a number of Jr. high school students.

Doug WB0MHP

If you have a friend or two, or more, pick up some tickets from Dave WBØSDW and sell a few. Besides, if you happen to sell the winning ticket, you'll be the most popular person in the world.

FROM ARRL BULLETINS: In an October 19 meeting the FCC formally adopted an interpretation of rule 97.79d that all uses of an auto-patch must be monitored by a control operator of the repeater. And in an October 12 meeting they proposed using 900 MHz for a personal radio service band for the US, Canada, and Mexico, since that band is not being used presently, offers little chance of TVI, would be easy to administer, and provides lots of spectrum space.

IN MAY the Victoria, B.C. Zero Beat challenged us to a Field Day wager, which even made news in the ARRL Clubs newsletter. We never did accept and I don't even know how our two clubs made out, but that doesn't really matter because what I'm really trying to say is that they put out a really godd paper, and full of stuff and if you'd like to subscribe, slip \$3.50 to Vince Hlavac, 985 Oliver St., Victoria, BC, Canada V8S 4W5.

ridiculous bunch of ICs that never should have been invented because they are so darned interesting they'll keep you off the streets and out of jail, but also keep you single. Yet the best part of it is the excuse to pest-
ter a good friend constantly and other friends to a lesser extent.

But now time to spend some time with a friendly pillow. Many thanks to Doug and Lorna for letting me know what's been going on outside of my basement, and Jera for last-minute folding.



GC ELECTRONICS

GTB SYLVANIA

EGG SEMICONDUCTORS



Channel Master

THORDARSON

HANDY

NEW--BREADBOARDS!

**COLORADO SPRINGS
WALKER ELECTRONICS**
2838 NORTH PROSPECT ST.
COLORADO SPRINGS, COLORADO 80907
PHONE - (303) 636-1661

CHEMICALS—TOOLS
WIRE AND CABLE
SERVICE AIDS

WHOLESALE DISTRIBUTORS
EXPERIMENTERS ITEMS
HEADPHONES—SPEAKERS
ANTENNA INSTALL. MATERIALS

LEADER
Instruments Corp.
Communications Division



Regency
The first name in audio.

MICROPHONES



Ø BEAT

NOVEMBER 1978



324 NORTH NEVADA AVENUE
COLORADO SPRINGS, COLORADO 80903
(303) 633-1771

COLO. SPRINGS,
COLORADO

CENTENNIAL ELECTRONIC SUPPLY

715 N. Weber Street
P.O. Box 1777, Colorado Springs, Colo 80901
Phone: 633-4666

Wholesale Radio, TV, Parts, Tubes, Batteries
Industrial Electronics, Test Equipment

Now Handling Alliance
Heavy Duty Rotors--Lower
Prices Than CD
1978 Amateurs Handbook
at \$6.50 (Save \$2.00)

AUTHORIZED **RCA** DISTRIBUTOR

ZERO BEAT
Dave Allen
821 N. Cascade
Colo. Springs, CO 80903



FIRST CLASS MAIL

DOM SCHAARSCHMIDT W0OTZ
STEVE SCHAARSCHMIDT K0CI
2228 E. GREENWICH CIR
COLO SPRGS, CO 80905